

FOR MYSORE STATE

1,006-4-1-52.

Rufur (C.P.)

(1953) Department.

Me SERIES.

^{MS}
G.O. NO. 1851

Dated 14-7-1953

passed

by

Superintendent.

16/

G.O. at p 74.

[Despatch Abstract.]

Community projects - South Kanara Area -
Communications - Construction of a foot bridge
at Dasakatta in Inna village - Estimate.
Sanctioned

Ref.C.No.1124/53-B.

Office of the Project Executive Officer,
South Kanara, Mangalore, Dt. 20-4-1953.

From

To

Sri G.Simhadri, B.A.,
Project Executive Officer,
Mangalore.The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St.George, Madras 9.

....

Sir,

ACCOUNTS & SPECIAL OFFICER,
(COMMUNITY PROJECTS.)

23 APR 1953

PUBLIC (C. P.) DEPARTMENT.

MADRAS

Sub:

Community Projects - South Kanara - Block I -
Communications - Construction of a foot-bridge
at Dasakatta in Inna village - Estimate - Sanction -
Requested.

I submit herewith an estimate in duplicate with site plan etc.
for the construction of a foot-bridge at Dasakatta in Inna village
across the Poramboke channel in S.No. 71/1A1A. The particulars
required are furnished below:

- 1) Block No.
- 2) Name of work.) Construction of a foot-bridge at
Dasakatta in Inna village across
the Poramboke channel in S.No.71/1A1A.
- 3) Whether the work was approved by the Firka and the Project Advisory Committees.) Yes.
- 4) Cost of work. Rs. 4,600/-
- 5) Villagers' contribution.) The Panchayat Board, Inna has promised
to contribute 50% of the cost which
comes to Rs. 2,300/-
- 6) Expenditure to be borne by the Community Project.) Rs. 2,300/-
- 7) Remarks:

The proposal is to construct a foot-bridge across the Poramboke channel in S.No.71/1A1A of Inna village at the locality known as Dasakatta. The width of the channel is 130' and it is not fordable during the rainy season. The proposed work will be useful to the entire village as the villagers have to cross this stream to go to Mundkur and Palimar which are the two important marketing centres for the village. It will also benefit a large number of students who have to cross the stream to attend the Higher Elementary Schools at Palimar and Mundkur. The estimated cost of the work is Rs. 4,600/- The Panchayat Board, Inna, has promised to contribute 50% of the cost which works out to Rs. 2,300/- The remaining expenditure of Rs. 2,300/- has to be met by the Community Project. I recommend that the estimate may be sanctioned for Rs. 2,300/-

PROJECT EXECUTIVE OFFICER. 24/4

Enclosure: Estimate in duplicate.

T/21.4.1/2/114

(C No. 7823/53.)

Memo No. 7823 Pub (C.P. Audit)/53-1 dt. 1.5.53

Sub. Community Projects - South Kanara District. Communi-
-cations - Construction of a foot bridge at Dasakatta in Inna
Village

Ref. - From the P.E.O. Mangalore - ref. C No 1124/53-B dt 20 ⁴/₅₃

The estimate received from the P.E.O. Mangalore is
~~herewith returned with the letter cited above~~ is herewith returned
for revision.

of course
do 11/5/53

2 The thickness of the reinforced deck slab is possible of
great reduction, if the span is reduced to 10 ft. The extra cost of
additional piers will be less than the savings in reinforced concrete

3 The proposed thickness of 1-6" for the pier appears to be too narrow
and should be substantiated by design and calculations.

4 The soil particulars provided in the plan appears to be
obtained by probing in the bed of the stream only. The particulars
of soil at the banks under the abutments should be furnished

5 Cement has been proposed to be conveyed ~~through~~ ^{over} a distance
of 46 miles ~~of metalled road~~. It is presumed that the cement is
to be obtained at Mangalore. The estimate prepared by the P.E.O. for
the new well at Mundkur provides for the cement to be conveyed
through a distance of 28 miles by road, 1/2 mile by boat and 2 miles
again by ~~boat~~ ^{road}. It is presumed that the location of the proposed foot
bridge is not very far away from the site of the above well, since
the two villages of Mundkur and Inna are adjoining each other and
since the object of the foot bridge is to provide pedestrian
communication between the two villages. The data may be altered
suitably.

6. It is necessary to limit the amount of sanction to ^{an average of} Rs 1700
for a foot bridge, since the budget estimates approved by the CPA
provide for this average only, and since works of this category
costing ~~Rs less than this~~ ^{the above} average are few. The P.E.O. is requested to
obtain a larger proportion of contribution, if needed, to provide an
equitable distribution of works and to carry out all the works
programmed.

Apr 23
MAR
2/5

The P.E.O. Mangalore
(with enclosures)

29.4.53.
30/4/53

195

11 weeks.

Con. No. 0
to 100
80/6/53

~~Exp. 28.6.53~~
RD. 10/7

No. 28/6
28/6

Ref. C. No. 1174/53-B.

RECEIVED
COMMUNITY PROJECTS
SRI G. CHANDRAN
PROJECT EXECUTIVE OFFICER
MANGALORE.
SOUTH KANARA DISTRICT

Project Executive Office, S. Kanara,
Mangalore, dated 26-6-1953.

20765

To

The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St. George, Madras 9.

.....

Sub: Community Projects - South Kanara District -
Communications - Construction of a foot bridge
at Dasakatta in Inna village - Estimate -
Sanction - Requested.

Ref: Government Memorandum No. 7828, Public
(C.P. Audit)/53-1 dated 1-5-1953.

The estimate has been revised with reference to the
observations made in the Government Memorandum cited. The
report No. 60-E dated 15-6-1953 of the Assistant Engineer, (C.P.)
answering the points raised in the Government Memorandum may
kindly be perused.

2. The estimated cost of the work according to the
revised estimate is Rs. 4,500/- The Panchayat Board, Inna has
promised to bear 50% of the cost which comes to Rs. 2,250/- In
the Government Memorandum cited, it has been stated that the
average cost of a foot bridge to be borne by the Community
Project should be limited to Rs. 1,700/- In this connection, I
invite attention to my report Ref. C. No. 1044/53-B dated 30-5-53
in reply to Government Memorandum No. 6198, Public (C.P.)-I/53-1
dated 1-4-1953, in which I had stated that the average cost of a
p.t.o.

foot bridge to be borne by the Community Project may be raised to Rs. 2,000/- In this case, the expenditure exceeds this limit by Rs. 250/- But there are several foot bridges already sanctioned and to be sanctioned the cost of which will be far below Rs. 2,000/- So, the average cost per foot bridge can be maintained at Rs. 2,000/- even if the expenditure is slightly exceeded in this case. The peculiar physical features, the type of streams which exist in these parts and the usefulness of having foot-bridges across such streams, have been seen by the Accounts and Special Officer when he visited this area last and the utility of constructing such works like the present one, for the benefit of the villagers needs no special emphasis. I, therefore, recommend that the estimate may be sanctioned for Rs. 2,250/-

PROJECT EXECUTIVE OFFICER. 226

Enclosure:

Estimate in duplicate.

T/26.6.

2/11

(C No. 7823/53)

Pub (C.P. Audit) Dept

G.O. Ms. 1851 dated 14-7-53

Abstract:- Community Projects- South Kanara Area- Communications- Construction of a foot bridge at Dasakatta in Inna Village - Estimate- Sanctioned

Read :- From the P.E.O. Mangalore - ref No 1124/53-B dated 26-6-53

Order:-

Sanction is accorded to an expenditure not exceeding Rs 2030/- (Rupees Two thousand and thirty only) at half the ^{estimated} cost of Rs 4060 for the construction of a foot bridge of 8 spans of 12 feet ^{each} at Dasakatta in Inna Village. The balance of Rs 2030/- required to complete the work should be met by contribution from the beneficiaries. This sanction is counted against the provision in item II H. of the Project Estimate approved by the CPA in their letter No. CPA 33/5/52 dated 31-3-53.

2. The expenditure should be debited to "63 B Community Development Projects. II Community Projects. h. Communications- h. works".

3. The P.E.O. Mangalore should get the work executed according to the plan and estimate herewith returned approved and submit a copy of the Completion report to Govt in due course.

Sd/-
9.7.53
19/7
9.7.53
12/7
12/7

(By regd. post)

The P.E.O. Mangalore (with enclosures)

The AG, Madras.

The Secy. C.P.A. Rashtrapati Bhawan, New Delhi.

The Collector, South Kanara

Sri A Balakrishnaiah, B.A.B., J.A. & S. (AG, Madras)

Pub (C.P. Audit) Dept

Pub (C.P. Tech) Dept.

SF-2

Spare

C.B. 6 months ✓

entered in C.B.
sitem no. 146.

Copy sent in SF

to 16

Ob E
15/6/55

Subject :- Community project - South Kanara -
Communications - Construction of a foot-
bridges at Dasakallā in Inna
village

2. To negotiate the entire width of
the Stream the clear span of 12 ft. is
now provided. The slab thick is now
worked to out to be 6" thick.

3. The thickness of the piers is retained
as 1'-6" detailed calculations in
support of this is enclosed. The load
per square foot is only 1.5 Tons as
against 8 Tons in ~~the~~ Rander North
in cement mortar (grout) -

The Design provided is safe.

4. Trial pit details have ^{since} been
finished in the plan enclosed.

5. The lead for cement as already
proposed via Karkala i.e 46 Mls roads
and $\frac{1}{2}$ ml head load works out to
Rs 118-10-6. Where as via Munkur
as per ~~via~~ i.e 28 Mls Metalled road
+ $\frac{1}{2}$ ml boat + 4 Mls Metalled Road + $\frac{1}{2}$
Ml boat + Ml. H Road to Kanjerikallā
+ $\frac{1}{2}$ Ml head load works to
Rs 131-14-0 and also involves
t t in ferrying

Hence the rates worked out in the data already submitted is more economical.



Para 6 may be explained by the Project Executive Officer

L. S. Gaffan
15/6/53
A.E. CP.

N.R./C. no. 1124/53-B

Revised to the Asst Engineer (P.O.)
Mangalore.

2/ The estimates should be
considered by the Asst Engineer
as observed by Government in
a recent reference.

[Signature]
Project Executive
17/6/53

Report to accompany the estimate - "Construction of a foot bridge
at Dina (Dabokatte)"

Estimate 4069/-
500/-

The necessity for the foot bridge and the necessity for the
construction of the bridge is as follows:

The estimate for the construction of a foot bridge
is 4069/- and the estimate for the construction of the bridge is 500/-.

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The estimate for the construction of a foot bridge
is 4069/- and the estimate for the construction of the bridge is 500/-.

15.6.93
Superintendent of Works



Design of Slab

(2) 13

Clear span — 12'0"
 line load — 80 lbs / ft
 self wt of slab — 60 lb
 extra info at — 10
150 lb

B.M. = $\frac{150 \times 12 \times 12 \times 12}{8} = 126 \text{ k ft}^2$

$d^2 = \frac{150 \times 12 \times 12 \times 12}{8 \times 126 \times 12} \quad 23.2 \cdot d = 4.8''$

$A_s = 0.008 \times 12 \times 4.8 = 0.46 \text{ in}^2$

using $\frac{1}{2}''$ rods at 5" c/c. gives a same area of 0.472.

Distributing $\frac{1}{4}''$ rods at 6" c/c

total depth = $4.8 + 2.5 + 1.0 = \underline{6''}$

Re. Post 4" x 4"

Details of Reinforcement. 4 no of $\frac{3}{8}''$ rods with $\frac{1}{4}''$ dia rebar at 4" c/c.

Design of Pier

line load — $4.0 \times 120 \times 80 \text{ lbs} = 38400 \text{ lb}$
 wt of pier — $1 \times 6 \times 1 \times 6 \times 13 \times 160 = 18427$
 wt of slab — $1 \times 11 \times 0 \times 40 \times 10 \times 6 \times 160 = 3080$
25347

1. 25347

14 Safe permissible pressure on random rubble in cement mortar (essence) 8 lbs.
 Hence 1-6" width provided is safe.

Check for bearing capacity of soil. Prev

$$\begin{array}{rcl}
 \text{Wt of stone} & - & 25347 \\
 18' \text{ foot up } 70 \times 20 \times 140 & = & 1960 \\
 \text{Cement } 80 \times 30 \times 140 \times 1\frac{1}{2} & = & 5040 \\
 \hline
 & & 32347 \text{ lbs.}
 \end{array}$$

$$\therefore \text{ is safe : } \frac{32347}{24} = 1348 \text{ lbs.}$$

Safe bearing pressure on stiff clay is 3-5 tons
 Hence quite safe.

Shankar
 B.6.53
 Engineer, Delhi

Alignment :- top. 2'-0.

$$\text{Grade } 0.4\% = 0.4 \times 13.5 = \underline{5.4 \text{ or } 5'6"}$$

$$\begin{array}{r}
 W \\
 \hline
 13.65
 \end{array}$$

District

Taluk

Village and Survey

Date and cost of original construction

Name and number of work

Date and cost of last repairs

Details of work.	Number.	MEASUREMENT IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
1) Random rubble excavation in all soils excepting rock requiring blasting						
Abutment	2	7-0	6-6	12-0	1092	
Steps L.	21	5-0	2-6	3-0	38	
" R	1	5-0	4-6	2-0	45	
Prins	7	8-0	3-0	5-0	840	
				Total	2015	or 2100 cft
2) Concrete broken stone in Cement mortar 1:4:8						
for abutment	1x2	7-0	6-6	1-6	137	
Prins	7	8-0	3-0	1-6	252	
Steps	1	6-0	5-0	1-0	30	
"	1	7-0	5-0	1-0	35	
				Total	454	or 460 cft
Concrete broken stone in Cement mortar 1:2:6						
for topogalms	2	6-0	2-0	0-6	12	
Prins	7	5-0	1-6	0-6	26	
				Total	519	500
Random rubble masonry in Cement mortar 1:4						
Abutment	1x2	6-0	5-6	2-0	132	
"	1x2	6-0	5-0	3-0	180	
"	1x2	6-0	4-0	3-0	144	
"	1x2	6-0	3-0	3-0	108	
"	1x2	6-0	2-0	3-0	72	
Prins	1x7	7-0	2-0	1-0	98	
"	1x7	5-0	1-6	13-0	683	
Centrals	72	22 x 1 1/2 x 1 1/2	4	13-0	161	
Steps L	1	5-0	6-0	3-0	90	
" R	1	5-0	7-0	5-0	175	
Excavation of re-grains					57	
				Total	1900 cft	
Reinforced Cement Concrete slabs with 1:2:6 for deck slab	1	108-6	4-0	0-6	217 cft	

Data sheet to accompany the estimate for Constructing
Foot Bridge at Jume

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1) Earth work excavation in all soil	requiring blasting				
1000 cu yds	85 20 B.	21 6	1000	21 6	
2) Concrete bridge structure in Cement	with 1 1/2" size				
1000 cu yds	metal 1 1/2" size	23	1000	23	
500 cu yds	sand	2 8	500	1 4	
12 1/2 cu yds	Cement	87 8	1100	13 12	
5 cu yds	Mason 2nd class	2 12 0	500	1 6	
5 cu yds	Mason 1st class	1 8	500	7 8	
400 cu yds	Woman	0 12	400	3	
1000 cu yds	metal 1 F head load	3 10	1000	3 10	
500 cu yds	sand 4 F head load	10 11	500	5 7	
12 1/2 cu yds	Cement 46 MTR 1/2 MTR	11 8 10 6	1250	14 13 4	
500 cu yds	mixing mortar	4 8	500	2 4 0	
	Sandstone			3 8	106 1/4
3) Cement & mortar 1:4.				100 0	
1000 cu yds	sand	2 8	1000	2 8	
250 cu yds	Cement	87 8	250	87 8	
1000 cu yds	sand lead as above	10 11	1000	10 11	
250 cu yds	Cement	11 8 10 6	250	29 10 7	
1000 cu yds	mixing charges	4 8	1000	4 8	
	Sandstone			3 5	
				135 4 0	
4) Random rubble masonry in Cement	with 1 1/2"				
1100 cu yds	Rough stone	16	1100	17 9 7	
340 cu yds	mortar	13 5 4	340	45 5 8	
59 No. 5 (wide 71)	Mason 2nd class	2 12 0	590	13 12	
400 cu yds	Mason 1st class	1 8	400	6	
400 cu yds	Woman	0 12	400	3	
1100 cu yds	metal lead as above	3 10	1100	3 5 9	
	Sandstone			3	90 8
				92 4	
Cement concrete 1:2:4 using 3/4"	metal				
76 cu yds	Portland cement 3/4" size	42	760	40 5 1	
40 cu yds	sand	2 8	400	1 3 3	
24 cu yds	Cement	87 8	240	84	
100 cu yds	Mason 2nd class	9 12	1000	9 12	
600 cu yds	Mason 1st class	1 8	600	9	
1000 cu yds	Woman	0 12	1000	7 8	
76 cu yds	lead as above	3 10	760	3 7 7	
40 cu yds	sand	10 11	400	5 3 6	
24 cu yds	Cement	11 8 10	240	28 5 3	
	Sandstone			3 4	
				102 6	
				102	

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
6) R.C. work using 3/4" reinforcement					
1 cu. Concrete	182 0 - cost	1 14 0			
6 cu. Steel	20 0 - cost	2 1 2			
18 cu. Centering	0 11 3 - cost	0 11 3			
6 cu. banding using 1/2" steel	5 12 - cost	0 4 11			
		0 0 8			
		5 0 0			
		4 0 0			
					4/-
7) For R.C. Posts: 1 cft.					
1 cft. Concrete as above	182 0 - cost	1 14 2			
6 cu. Steel Extra Centering	20 0 - cost	2 1 2			
18 cu. Centering	0 11 3 - cost	0 11 3			
6 cu. banding using 1/2" steel	5 12 - cost	0 4 11			
		0 0 8			
		5 0 0			
		4 0 0			
					5-0-0.
8) Scaffolding and formwork for concrete					
12 cu. Scaffolding	0 12 - cost	0 12 -			
9) Rough stone dry packing for pavement					
100 cu. Rough stone	17 9 7 - cost	17 9 7			
3 cu. Sand	4 8 - cost	4 8 -			
200 cu. Waste	1 8 - cost	1 8 -			
1 cu. Wood	3 0 - cost	3 0 -			
100 cu. Lead as above	3 15 9 - cost	3 15 9			
		6 8			
		31 - -			

Lead

Concrete: 1 Full day lead load - -

Sand: 1/2 M lead load

Concrete: 46 M lead load

(Note: - Otherwise 2 prices are to be charged if taken via Mullay and the other wastes are to be above rate.

Certified that the rates and heads noted above are correct to the best of my knowledge.

[Signature]

[Signature]
22/6/53
N.E.

ESTIMATE FORM—Abstract.

Item number.	Quantity.	Description of work.	Rate.	Per	Amount	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Earthwork excavation in all sub excepting	RS.		RS.	RS.
2100cb		requiring blasting with conical lead and lifts	21-6-0	100cb	45	45
500 ~~200~~ cb		Concrete Coo structure in Cement mortar 1:4:8	106/4	100cb	~~54~~	531
1900cb		Random rubble masonry in Cement mortar 1:4:8	~~22/90~~ 18	100cb	~~1753~~	1720
217cb		Reinforced Cement Concrete 1:2:4 for slabs.	~~5/41~~ 10	100cb	~~1085~~	868
16cb		R.C. Posts 1:2:4.	5/25	100cb	88	80
450Rfb		Supplying and fixing 1" dia gas pipes.	~~0/12~~ 20		~~338~~	333
300cb		Rough stone dry backing for revetment	31/-	100cb	93	93
12.		Baling out water and for any other unforeseen items of work.	18.		200	200
18.		Contingencies and contingencies at 5%		18.	~~257~~ 190	
		Total.			~~4500~~	<u><u>4060</u></u>

H. J. G.
 22/6/50
 A.E.

(E. No. 31.)

Particulars	Amount	Rs.	Paise
(1)	(2)	(3)	(4)

Estimated cost Rs 4060/-
 Amount of Contribution Rs 2030/-
 Amount of Sauchin Rs 2030/-

Sanctioned for Rs 2030/-
 (Rupees Two thousand and Thirty only)

o/c
 For D.C.P.
 9.7.53 9/7/53
 9/7/53

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS).

ESTIMATE FORM—Abstract.

Financial head—

Budget head—

Departmental head—

Main head—

Sub-head—

Project of which
the work forms part—

Section—

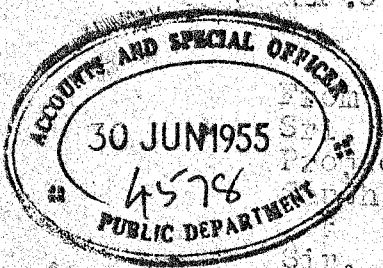
Name of work—Constructing a foot bridge
at Inna (Daskhatta)Amount of Estimate, Rs. 4060/-
~~4500/-~~

To be carried out by—

REFERENCES.

REF. C. NO. 1124/53-D.

Project Executive Office, S.K.,
Mangalore, dated 23-6-1955.



Sd/- M. Narasimha,
Project Executive Officer,
South Kanara, MANGALORE.

To
The Director of Community
Development, MADRAS-9

Sir,

COMMUNITY PROJECT--South Kanara--Block I--Construction
of a foot bridge at Dasakatta in Inna Village--San-
ctioned--work not taken up--proposals--for cancellation--
submitted.

ref: G.O. Ms. No. 1251/ Pub. (C.D.) Dept. d/14-7-1953.

In the G.O. cited, sanction was accorded to the
construction of a foot bridge of 3 spans of 12 feet each
at Dasakatta in Inna village at an estimated cost of Rs.
4060/- and subject to the condition that a sum of Rs. 2030/-
is met from Community Project funds, the balance being
met by the Panchayat Board. Though the agreement which
was executed by the beneficiary was accepted on 4-9-1953,
the work has not yet been taken up. The Panchayat Board,
Inna which promised the contribution of Rs. 2030/- now
states that a new road is being formed by the villagers
and that a regular vehicular bridge is more useful than
the foot bridge already sanctioned. The Panchayat Board has
resolved requesting the cancellation of the proposed foot
bridge and consideration of the construction of a
vehicular bridge at the place. It is, therefore,
submitted that the sanction accorded in the G.O.
cited may kindly be withdrawn.

2. Separate action is being taken to get
the estimate prepared in respect of the road and
the bridge proposed to be put up at the site.

Yours Faithfully,

M. Narasimha
Project Executive Officer

JC/25-6-55.

h
26/6
27/6

June 1957

RD P.VI/
Memo. NO. 4578/55-187-7-1955

Sub:- C.P.S. - S.K. Area - Block I -
Communications - Construction
of a foot bridge at Dasa-
Katta in Inna village -
Estimates - Approved -
Orders rescinded.

779/1

Ref:- G.O. Ms. NO. 1851, Public
(C.P.) D. 14/7/1953.

From the P.E.O., Mangalore,
C.NO. 1124/53-B, D. 23/6/1955.

779

779

779/1

In the circumstances
stated in the letter second cited,
the orders issued in G.O. Ms. NO.
1851, Public (C.P.), dated 14/7/53
sanctioning the construction of a
foot bridge at Dasa Katta in
Inna village in Block I of the
S.K. Dt. Sp. area are herby
rescinded cancelled.

CENTRAL DESPATCH BRANCH	
(100)	Van. ☒
Despatched by	Post. ☒
	Regd. Post. ☐
	Messenger. ☐
Date 24/7/1955. Despatcher's Initials. 	

To the P.E.O., Mangalore. 5/7/55
1. The A. G., Madras (cc. spec)
by to the Secretary, C.P.A., New Delhi.
by to the A.G. Madras, (by name)
by to the Collector, S.K.
by to the P.E.O. (S.K. Dist. V.I.I.)
S.K. Dist. V.I.I.
copy of (H.P. & G.)
G.O. Ms. NO. 1851,
P.E.O. (C.P.) D. 14/7/53

5/7/55
6/7/55
7/7/55
7/7/55

NOTE:- After issue of the Memo above
be added to the disposal list.

(CNo 7823/53.) Sub-Community Projects- South Kanara District- Communications
Constructing a foot bridge at Dasakatta in Inna Village.

p 1 CF Ref - From the PEO. Mangalore - ref. CNo. 1124/53-B dt 20-4-53

Please see the letter from the PEO. Mangalore at p 1 CF.

The PEO requests sanction at 50% Contribution basis, to an estimate for a foot bridge at Dasakatta in Inna Village, in Block I. The work has been approved by the Project Advisory Committee.

It is necessary to revise the estimate on lines of suggestions made in the draft, to make the structure sound and to limit the sanction as suggested in para 6 of draft put up.

The reduction of span will ~~also~~ result in a thickness of slab of only $4\frac{1}{2}$ " ^{net} against the thickness of $10\frac{1}{2}$ " now provided. There will be a ^{net} savings of nearly Rs 300, even considering the extra number of piers to be included.

The rates for items involving cement have not been properly deduced. As suggested in para 5 of draft memo, the actual load will be only 28 miles by road, $\frac{1}{2}$ mile boat & miles road. This will reduce the estimate by about Rs 88, at Rs 8 ps ton on the 11 tons of cement to be used on the work.

put up below.

The draft memo may please be approved

Dr.

29.4.53

6/5/53

1953

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13 CF

(I Shred as Memo 7823 Public (C.P. Audit) 53-121-5-53)

From the PEO. Mangalore ref. CNo 1124/53-B dt 26-6-53

Please see the reply from the PEO. Mangalore at p 5 CF. The PEO has revised the estimate where necessary and has advanced reasons for retaining the original provisions where these have been retained. The thickness of slab as now proposed is only 6". Eight Spans of 12 ft have been now proposed. Soil particulars as obtained from trial pits have been furnished, as well as pressure calculations. The estimated cost has still been reduced on sanction to Rs 4060, mainly in the item of Reinforced Cement Concrete by adopting the schedule rates for steel and labour for tying girds and setting up formwork. The estimate may be sanctioned for half of Rs 4060 or Rs 2030/-, the balance

being reckoned as Contribution.

The project estimate provides for the Construction of 33 footbridges during the year at an average cost of expenditure of about Rs 1700 or a total expenditure of Rs. 57,000

20 footbridges have so far been sanctioned and the total expenditure sanctioned is Rs 40,412. Even though this work involves an additional expenditure of Rs ³³⁰~~360~~/- over the average of Rs 1700, the work may be sanctioned, inasmuch as there are and there may be a number of works which will involve an expenditure far less than Rs 1700

The work has been approved by the Project Advisory Committee and the Panchayat board which has promised a 50% Contribution.

A draft order is put up for approval. The estimate also may be countersigned

9.7.53
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Issued as G.O. No. 1857 d 16.7.53